

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	0	(s2ors3ors4ors5) and @pd>="20060425"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 17:59
L8	810	(320/110).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
L9	768	(320/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
L10	242	(320/163).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
L11	240	(320/164).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
L12	67	(L8 or L9 or L10 or L11) and @pd>="20060425"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00
L13	83	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00
L14	96	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with (transistor or switch)) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) with (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00

## EAST Search History

L15	100	battery and ((multiple with (power near2 (source or supply))) same (selective or switchable or selectable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00
L16	17	(L13 or L14 or L15) and @pd>="20060425"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:03
S1	1414	(320/110,107).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:54
S2	794	(320/110).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:56
S3	723	(320/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:57
S4	241	(320/163).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:57
S5	239	(320/164).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 18:14
S6	1	battery and charg\$3 and (source or supply) and (bi\$1directional with transistor) and ((reulat\$3 or control\$3) with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) (vari\$4 or change\$4)) and (invers\$3 with (impedance or resistance)) and voltage and charg\$3 and discharg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:23

## EAST Search History

S7	78	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:24
S8	30	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) with (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:58
S9	3	("4027324").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 18:41
S10	18	("5111374"   "5111376"   "5229650"   "5502630"   "5644483"   "5710696"   "5781422"   "5978236"   "6005362"   "6014322").PN. OR ("6160722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 18:54
S11	91	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with (transistor or switch)) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) with (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:59
S13	61	S11 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 11:50
S14	92	battery and ((multiple with (power near2 (source or supply))) same (selective or switchable or selectable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:53
S15	151	((multiple or two) with (power near2 (source or supply)) with AC) same (selective or switchable or selectable or select))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:54

## EAST Search History

S16	142	S15 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:54
S17	91	S16 and (DC or battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:54
S18	82	S17 and (transistor or switch or MOSFET or BJT or FET)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:55
S19	36	S18 and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:55
S20	41	S17 and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:21
S21	214	(320/111).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/28 14:21
S22	111	S21 and ((multiple or many or two or three or various) with (AC or sources or supplies or plugs))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:23
S23	74	S22 and (select or switch or choose) and battery and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:23
S24	20	("5557738"   "5563493"   "5572110"   "5583417").PN. OR ("5721481").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:31
S25	18	("5111374"   "5111376"   "5229650"   "5502630"   "5644483"   "5710696"   "5781422"   "5978236"   "6005362"   "6014322").PN. OR ("6160722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 18:20

## EAST Search History

S26	56	(("4901217") or ("5239495") or ("5313642") or ("5349282") or ("5465039") or ("5514859") or ("5625275") or ("5764028") or ("5884086") or ("5982160") or ("5986437") or ("5903137") or ("6000042") or ("6058034") or ("6114842") or ("6130813") or ("6133712") or ("6147682") or ("6169384") or ("6170062") or ("6184652") or ("6211649") or ("6222347") or ("6255800") or ("6337557") or ("6465987") or ("20010021659") or ("20010045813")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/28 18:24
S27	8	(("20020005707") or ("20020038432") or ("20020061739") or ("20020130638")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/28 18:24